Flight

Intermediate Jet AN-16

Mission

Enhance proficiency in the Instrument environment

ORM

AN-16

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
  - **On-Wing Required?**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**
  - **Mission Specific**

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TTO

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

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ADMIN (card)

- **A/C - ATC C/S - Tactical C/S - Crew**
- **Brief / Walk / Marshal / Takeoff / Land Times**
- **ATC Clearance / IFF**
- **Area**
- **Line / T/O / Abort / RPM**
- **Comm Plan - Tac**
- **Nav Plan**
- **Joker / Bingo**

ADMIN

AN-16

- **Launch**
  - **Weather / NOTAMS / TFR / BASH**
  - **Preflight / Start / Taxi**
  - **T/O**
  - **Transit**
  - **RadAlt Usage**
- **RTB**
  - **Recovery**
  - **Diverts**

Conduct

AN-16

- **QOD**
  - NATOPS
  - EP
  - SOP
- **Brief Items**
  - In-flight emergencies

Flight Brief

AN-16

Practice

- **Complete DD-175/Single-engine jet log**
- **Instrument communications**
- **ATC Clearance**
- **Departure/SID/Climb Schedule**
- **Route/destination change (if done)**
- **VOR penetration/approach**
- **Enroute descent**
- **PAR approach**
- **Partial panel approach(es) (if done)**
- **Minimum fuel/emergency fuel instrument approach**
- **No gyro GCA (if done)**

Emergencies

AN-16

Emergencies

Ground Emergencies
Abort
Rwy Dep / Gnd Ejection
Radio/ICS failure
Loss of Navaids
Lost Plane / Lost Sight
System Failures
Disorientation
Bird strike/ Midair
SAR procedures
Ejection
Aircrew Coordination

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Recap

- **Overall Flow**
- **Questions**

STANDARD DEBRIEFING FORMAT

AN-16

- The Flight Lead or Pilot-in-Command is responsible for ensuring all flight or crewmembers are thoroughly debriefed on the conduct of the mission utilizing the “S-P-B-E-MS-LL” format outlined below. (Refer to the CTW-1/CTW-2 Expanding Debriefing Guide for specific objectives).

I. Safety
II. Planning
III. Brief
IV. Execution
V. Mission Success
VI. Lessons Learned